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USSR PRODUCES PLANTERS, POTATO MACHINERY, AND FERTILIZER SPREADERS

USE MACHINES FOR PLANTING SEEDLINGS -- Moscow, Sel'khoz mashina, Aug 53

The SRM-6 seedling planter, designed for planting tobacco seedlings, can also be used to plant seedlings of tomatoes, pepper, basil, potato, and cabbage. The SRM-6 seedling planter is usually drawn by the SKHTZ tractor, and requires 14 people, besides the tractor driver, to operate it; the machine operator, one person to supply seedlings to those who plant, six to plant, and six to follow for the purpose of filling in the spots that were missed or to set straight seedlings improperly planted.

The SRM-6 seedling planter weighs 1,650 kilograms. Experienced operators can plant 5 to 6 hectares a day using the SRM-6 seedling planter.

SEEDLING PLANTER PASSES TESTS -- Moscow, Trud, 30 Sep 53

The SRN-4 four-row seedling planter, which plants seedlings at the rate of two acres a day, has successfully passed tests on kolkhozes and will be series-produced.

Moscow, Vechernyaya Moskva, 9 Oct 53

The Moscow Agricultural Machine Building Experimental Plant (director, A. Gorshunov) has completed tests of the SRN-4 seedling planter.

The SRN-4 seedling planter is a four-row machine that is attached to the Belarus' tractor. Four women workers sit in the back of the machine and place peat pots with seedlings in furrows. Row spacings can be 600 or 700 millimeters.

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Seedlings not grown in peat pots can also be planted.

Liquid fertilizer is kept in two tanks placed on the tractor. Fertilizer is applied when seedlings are planted.

A large number of SRN-4 seedling planters will be in use in the spring of 1954.

BUILD PLANTERS -- Moscow, Komsomol'skaya Pravda, 6 Oct 53

The Kirovograd Krasnaya Zvezda Agricultural Machine Building Plant is producing SK-24 tractor-drawn planters, sugar beet and grain drills with fertilizer attachments, and grain drills for close row planting of grain crops.

DELAY PRODUCTION OF POTATO PLANTERS -- Moscow, Pravda, 12 Oct 53

The SKG-4 four-row checkrow potato planter has been getting much attention from visitors to the recently opened permanent exhibit of agricultural machines in Penza.

The model of the potato planter on exhibit in Penza was produced by the Belinskiy Belinsksele'mash Agricultural Machine Building Plant. The Belinsksele'mash plant is to be the main producer of SKG-4 potato planters.

For the past several months, the plant has been preparing for mass production of SKG-4 potato planters. Many shops at the plant have been fulfilling their production plans. Many other shops at the plant have not properly organized their production work and, for that reason, the plant has fulfilled only 8 percent of its production plan for potato planters in August 1953. The plant has not been able to keep up with the production schedule in September.

The first machine assembly shop is disorganized. The shop lacks many essential tools. During September 1953, the shop did not fulfill a single daily production plan.

The third machine assembly shop, where basic parts of the potato planter undergo finishing processes and are assembled, is not operating efficiently. Pieces of metal, metal shavings, and parts are cluttering up the aisles.

The constant flow production of potato planters was to have been organized by September 1953. This deadline was not met.

Serious shortcomings at the plant are due to poor management by Chief Engineer Reznikov, and Kopchinskiy, Chief of the Technical Department. They have failed to adopt modern technical methods, to train workers, and to select trained men for shop foremen. The third machine assembly shop, the assembly shop, the cutting and procurement shop, and the press and forging shop are headed by men who have had no technical education.

The Main Administration of Agricultural Machine Building, Ministry of Machine Building USSR, is also responsible for shortcomings at the Belinsksele'mash plant. The plant has not been fulfilling its production plans since the beginning of 1953. No steps were taken by the Ministry to remedy the situation.

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Pigolkin, Chief, Main Administration of Agricultural Machine Building, Ministry of Machine Building USSR, sent his Deputy Chief, Sarkisov, to the Belinsk'sel'mash plant with orders that the plant organize production of potato planters during the first 10 days of September 1953. Sarkisov returned to Moscow without accomplishing anything.

PLANT TO PRODUCE POTATO HARVESTING MACHINES -- Moscow, Pravda, 3 Oct 53

The Kuybyshev Machinery Plant has received instructions to organize production of potato-harvesting combines. The plant will produce a number of these machines in October 1953.

TO INCREASE AGRICULTURAL MACHINE PRODUCTION IN 1954 -- Minsk, Sovetskaya Belorussiya, 23 Sep 53

The Gomel' Gomsel'mash Agricultural Machine Building Plant imeni L. M. Kaganovich plans a considerable increase in its production of agricultural machines in 1954.

The plant has been producing RSS-6.0 ensilage cutters, ZK-0.5 feed steamers, and ZKP-1.0 feed steamers. These machines were designed by the SKB (Special Design Bureau) of the Gomsel'mash Plant.

The plant also produces the STU-0.7 tractor-drawn universal hay ricker, and the VN-3.0 sweep rake.

The Gomsel'mash SKB (chief designer, G. Kotsyubanov) has designed many machines which will be produced in 1954. Some of the machines designed by the SKB are: The SK-1.2 ensilage harvester, a loader for silos, an attachment for the ensilage harvester for use in harvesting 2-meter and taller stalks, the KFK-1.5 machine for feed preparation, the DUP-10 milker, the TUR-7 fertilizer spreader, the RSB-3.5 singletype animal watering trough, and many others.

DESIGN LOADER -- Moscow, Komsomol'skaya Pravda, 3 Oct 53

The Gomsel'mash Plant has designed the MN-0.3 loader for use in loading of manure, lime, mineral fertilizers, and vegetables. The loader has a 300-kilogram lifting capacity. It is hydraulically controlled and is used with the U-2 tractor.

TUR-7 FERTILIZER SPREADER -- Moscow, Izvestiya, 4 Oct 53

The TUR-7 tractor-drawn fertilizer spreader has been designed by the Special Design Bureau of the Gomsel'mash Plant and the Scientific Research Institute of Agrotechnologies and Soil Science.

The cubic capacity of the TUR-7 fertilizer is seven cubic meters, the load capacity is five tons. The fertilizer distributing device has 20 speeds. The large number of speeds permits distributing fertilizer at rates ranging from 3 centners per hectare to 50 tons per hectare.

Fertilizer is pulverized by a cutter drum and is spread over the field by disks, the speed of which can be set from 270 to 540 revolutions per minute.

Fertilizer distributing devices can be removed and the wagon can be used for other farm work.

The TUR-7 is now being tested and studied by engineers and designers to correct any shortcomings that the machine may have.

Several thousand TUR-7 fertilizer spreaders will be produced in 1954 and 1955.

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Moscow, Vechernyaya Moskva, 3 Oct 53

The TUR-7 fertilizer spreader has been successfully tested in Krasnoye Solntse kolkhoz in Moskovskaya Oblast. The TUR-7 fertilizer spreader can also be used for hauling.

BUILD AND IMPROVE AGRICULTURAL MACHINES -- Moscow, Izvestiya, 6 Oct 53

The Gomsel'mash Plant is producing STTs-0.7 [probably should be STU-0.7] hay stackers, and graindrying machines. The plant has reduced the weight and has improved the design of the RSS-6.0 ensilage cutter, and has improved the ZK-0.2 and the ZK-0.5 stationary feed steamers. Plant engineers, under the direction of R. Kotsubanov, chief designer, have designed the SK-1.2 forage harvester.

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